

## MODEL 91 - 4400



Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting – heatsetting
- Heatsetting of “crush” effect

### 1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter : 500 mm (19,69”).
- 1.2. Width : 4.400 mm (173,2”)..
- 1.3. Working Width: 4.200 mm (165,35”).

### 2. HEATING SYSTEM AND TEMPERATURE CONTROL:

- 2.1. The cylinder is heated by 2 resistors (heating element) per each side in a vacuum sealed oil bath, in complete absence of air and pressure. MONTI ANTONIO S.p.a system.
- 2.2. The temperature of the cylinder is set by the touch screen and regulated by an electronic card. The temperature controls equipped with temperature alarm system and a limitation system of maximum temperature (230 °C).

### 3. TENSION CONTROLS:

- 3.1. Tension control for printing material
  - Entry: disk brake with pneumatic adjustment and fabric manual brake
  - Exit: independent motor, adjustable by potentiometer
- 3.2. Tension control for printing paper
  - Entry: disk brake with pneumatic adjustment.
  - Exit: independent motor, adjustable by the touch screen
- 3.3. Tension control for protection paper
  - Entry: disk brake with pneumatic adjustment.
  - Exit: independent motor, adjustable by potentiometer

### 4. OTHER DEVICES INTO MACHINE:

- 4.1. Independent motors with an electronic synchronization system
- 4.2. NOMEX felt with pneumatic tension adjustment system and automatic felt-centering device
- 4.3. Incorporated system for felt protection in case of black out and/or compressed air lack
- 4.4. Multifunctional electronic meter-counter, with alarm to predetermine the length of production runs
- 4.5. Temperature cooling system for printed fabric exit, complete with fan
- 4.6. Front touch-screen keyboard for production data access and programming

### 5. TECHNICAL DATA:

- 5.1. Installed power: 63,5 kw
- 5.2. Average electric consumption: 41 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 0.5 - 7.5 m/min
- 5.5. Overall dimensions (with platform): width 5.730 mm (225,59”). length 3.150 mm (124,02”). height 2.280 mm (89,76”).
- 5.6. Net weight: 8.000 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

All data and technical features are purely indicative and subjected to changes without prior notice